TIPP 2020

Monday 25 May 2020

Sensors: Solid-state position sensors: Block 1 (14:00 - 15:30)

time	[id] title	presenter
14:00	[33] Characterisation of 3D Silicon pixel sensors for the high luminosity phase of the CMS experiment at LHC	ZUOLO, Davide ZUOLO, Davide
14:18	[54] Innovative Silicon Technologies for the Inner Detectors at the Compact Linear Collider (CLIC)	
14:36	[65] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	BOMBEN, Marco BOMBEN, Marco
14:54	[156] New beam test results of 3D pixel detectors constructed with poly-crystalline CVD diamond	KAGAN, Harris
15:12	[162] Development of beam telescopes with high time resolution based on Timepix3 and 4 ASICs	

Tuesday 26 May 2020

Sensors: Solid-state position sensors: Block 2 (09:00 - 10:30)

time	[id] title	presenter
09:00	[30] Low Gain Avalanche Detectors for Precision Timing in the CMS MTD Endcap Timing Layer	
09:18	[55] Performance of the HADES T0 and beam tracking prototype system based on Ultra Fast Silicon Detectors	Dr PIETRASZKO, Jerzy
09:36	[60] Latest Developments for Low Gain Avalanche Detectors (LGADs)	ZHAO, Yuzhan ZHAO, Yuzhan
09:54	[142] New results from MALTA monolithic CMOS sensors with small electrode size on high resistivity substrate.	
10:12	[146] Investigation of nitrogen enriched silicon detectors	HONIG, Jan Cedric

Thursday 28 May 2020

Sensors: Solid-state position sensors: Block 3 (14:00 - 15:30)

time	[id] title	presenter
14:00	[151] Latest Results on the Radiation Tolerance of Diamond Pixel and Pad Detectors	TRISCHUK, William
14:18	[172] Tracking charged particles with 30ps timing resolution using the TIMESPOT 3D Silicon Pixels	
14:36	[53] Enhanced lateral drift sensors: Process development and expected performance	JANSEN, Hendrik
14:54	[149] Improvements of DePFET sensor technology	NINKOVIC, Jelena
15:12	[235] A reconfigurable DMAPS for tracking and Digital Electromagnetic Calorimetry	